

Having thus described the preferred embodiments, the invention is now claimed to be:

1. A golf ball comprising a core and a cover, wherein said cover comprises:

from less than 25 to about 10 percent by weight of at least one hard ionomer which is a sodium, zinc or lithium salt of the copolymer of an olefin having from 2 to 8 carbon atoms and an unsaturated monocarboxylic acid having from 3 to 8 carbon atoms, wherein said hard ionomer has a hardness greater than 50 on the Shore D scale and a flexural modulus of from about 15,000 to about 70,000 psi; and,

10 from greater than 75 to about 90 percent by weight of at least one soft ionomer which is a sodium or zinc salt of a terpolymer of an olefin having 2 to 8 carbon atoms, acrylic acid, and an unsaturated monomer of the acrylate ester class having from 1 to 21 carbon atoms, wherein said soft ionomer has a hardness from about 20 to about 40 on the Shore D scale 15 and a flexural modulus of from about 2,000 to 10,000 psi.

2. The golf ball of claim 1, wherein the hard ionomer is a sodium or zinc salt of a copolymer of ethylene and methacrylic acid.

3. The golf ball of claim 1, wherein the soft ionomer is a sodium or zinc salt of a terpolymer of ethylene, acrylic acid and methyl acrylate.

4. The golf ball of claim 1, wherein said cover composition comprises from less than 25 to about 10 percent by weight of the hard ionomers and from greater than 75 to about 85 by weight percent of the soft ionomers.

5. The golf ball of claim 1, wherein said cover composition comprises from less than 25 to about 15 percent by weight of the hard ionomers and from greater than 75 to about 85 by weight percent of the soft ionomers.

6. The golf ball of claim 1, wherein said cover composition comprises from about 20 percent by weight of the hard ionomer and from about 80 percent by weight of the soft ionomer.

7. The golf ball of claim 1, wherein said cover composition comprises from about 15 percent by weight of the hard ionomer and from about 85 percent by weight of the soft ionomer.

8. A golf ball comprising a core and a cover, wherein said cover comprises a blend of from less than 25 to about 15 percent by weight of at least one methacrylic acid based hard ionomer and from greater than 75 to about 85 percent by weight of at least one acrylic acid based soft ionomer.

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9. A golf ball comprising a core and a cover, wherein said cover comprises a blend of from less than 25 to about 15 percent by weight of at least one hard ionomer which is a sodium or zinc salt of an ethylene, methacrylic acid, methyl or butyl acrylate terpolymer, and from greater than 75 to about 85 percent by weight of at least one soft ionomer which is a zinc salt of a terpolymer of ethylene, acrylic acid and methyl or butyl acrylate.

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10. The golf ball of claim 1, wherein said cover comprises a mixture of one or more pigments, an optical brighteners and/or dye.

11. The golf ball of claim 8, wherein said cover comprises a mixture of one or more pigments, an optical brighteners and/or dye.

12. The golf ball of claim 9, wherein said cover comprises a mixture of one or more pigments, an optical brighteners and/or dye.